

Meeting: 1001, Evanston, Illinois, SS 8A, Special Session on Computability Theory and Applications

1001-03-170 **Barbara F. Csima*** (csima@math.cornell.edu), Cornell University, Department of Mathematics, Malott Hall, Ithaca, NY 14853, and **Antonio Montalban** and **Richard A. Shore**.
Index sets of dense Boolean algebras.

Boolean algebras have Tarski invariants which specify them up to elementary equivalence. In the case of dense Boolean algebras, they specify them up to isomorphism. I will speak about the complexity of index sets of dense Boolean algebras with given Tarski invariants. (Received August 24, 2004)